

CLASS SPECIFICATION

SAN DIEGO CITY CIVIL SERVICE COMMISSION

SENIOR CHEMIST

DEFINITION:

Under direction, to plan and direct, through subordinate supervisors, the activities of a State-certified chemical laboratory performing water, wastewater and industrial waste analysis, monitoring and related research; to supervise professional and technical personnel; and to perform related work.

* EXAMPLES OF DUTIES:

- Coordinates and supervises the daily activities of a State certified chemical laboratory involved in the analysis of water, wastewater and industrial waste;
- Participates in interdivisional and divisional section meetings to coordinate the implementation of departmental priorities and program objectives;
- Determines long range plans, set priorities and establish budget guidelines for a chemical laboratory;
- Establishes chemical testing parameters and procedures including developing and supervising experiments designed to provide solutions to water and sewage treatment problems;
- Consults with contractors concerning future lab modifications and repairs and/or with vendors concerning equipment bids and purchases of high cost items;
- Coordinates laboratory/program activities with other agencies, boards and task forces;
- Participates in various conferences, seminars and training sessions to present and obtain information related to mandated State and Federal monitoring;
- Writes detailed technical reports on lab activities, projects and experiments for City management and various regulatory agencies;
- Selects, assigns, trains and rates the work performance of subordinates.

MINIMUM QUALIFICATIONS:

Please note: the minimum qualifications stated below are a guide for determining the education, training, experience, special skills, and/or license which may be required for employment in the class. These are re-evaluated each time the position is opened for recruitment. Please refer to the most recent Job Announcement for updated minimum qualifications.

A Bachelor's degree in Chemistry or a closely related physical science field, **AND** one year of experience supervising the work of a major section of a water, wastewater or environmental chemical laboratory at a level equivalent to the City of San Diego's classification of Associate Chemist. Experience in a water, wastewater or environmental chemical laboratory performing chemical analyses may be substituted for each year of education lacked; if the required degree is lacking, a minimum of two additional years of qualifying experience is required. Possession of a valid California Class C Driver's License.

- * **EXAMPLES OF DUTIES** performed by employees in this class. The list may not include all required duties, nor are all listed tasks necessarily performed by everyone in this class.